



PATENT

Case Docket No. NOVCEL.017A  
Date: January 14, 2004

33

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) :	Scharp, D., et al.
Appl. No. :	10/684,859
Filed :	October 14, 2003
For :	IMPLANTATION OF ENCAPSULATED BIOLOGICAL MATERIALS FOR TREATING DISEASES
Examiner :	Unknown
Group Art Unit :	Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

January 14, 2004

Kirk Hahn, Reg. No. 51,763

  
*(Signature)*  
Date

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with 108 reference patents [foreign patents are redundant of US patents] and 4 reference published papers [copies enclosed]
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Credit Card (Form PTO-2038 is attached.).
- (X) Return prepaid postcard.

  
Kirk Hahn  
Registration No. 51,763  
Agent of Record  
(949) 727-1942 ext 217



PATENT

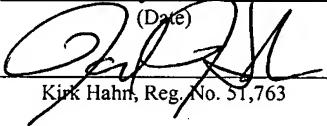
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INFORMATION DISCLOSURE STATEMENT

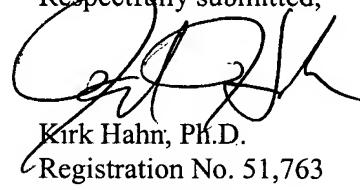
Commissioner for Patents  
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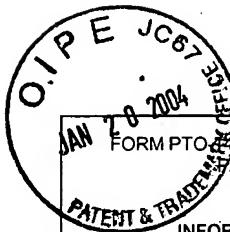
Dear Sir:

This Information Disclosure Statement is being filed within 3 months of the filing date of the above application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1). In the event a fee is required, the Commissioner is authorized to charge any fee that may be applicable to the Credit Card (Form PTO-2038 is attached) of Novocell.

Date: 1/14/04

Respectfully submitted,

  
Kirk Hahn, Ph.D.  
Registration No. 51,763  
Agent of Record  
(949) 727-1942 ext 217



FORM PTO-2549 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (USE SEVERAL SHEETS IF NECESSARY)		ATTY. DOCKET NO. <b>NOVCEL.017A</b>	APPLICATION NO. <b>10/684,859</b>	
		APPLICANT <b>Scharp, D., et al.</b>		
		FILING DATE <b>October 14, 2003</b>	GROUP	

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1	5232984	08/03/1993	Hubbell, J., et al.			
2	5334640	04/08/1992	Desai, N., et al.			
3	5380536	01/10/1995	Hubbell, J., et al.			
4	5410016	04/25/1995	Hubbell, J., et al.			
5	5462990	10/31/1995	Hubbell, J., et al.			
6	5529914	06/25/1996	Hubbell, J., et al.			
7	5545423	08/13/1996	Soon-Shiong, P., et al.			
8	5550178	08/27/1996	Desai, N., et al.			
9	5567435	10/22/1996	Hubbell, J., et al.			
10	5573934	11/12/1996	Hubbell, J., et al.			
11	5578442	11/26/1996	Desai, N., et al.			
12	5626863	05/06/1997	Hubbell, J., et al.			
13	5627233	05/06/1997	Hubbell, J., et al.			
14	5700848	12/23/1997	Soon-Shiong, P., et al.			
15	5705270	01/06/1998	Soon-Shiong, P., et al.			
16	5759578	06/02/1998	Soon-Shiong, P., et al.			
17	5788988	08/04/1998	Soon-Shiong, P., et al.			
18	5801033	09/01/1998	Hubbell, J., et al.			
19	5820882	10/13/1998	Hubbell, J., et al.			
20	5834274	11/10/1998	Hubbell, J., et al.			
21	5834556	11/10/1998	Desai, N., et al.			
22	5837747	11/17/1998	Soon-Shiong, P., et al..			
23	5843743	12/01/1998	Hubbell, J., et al.			
24	5846530	12/08/1998	Soon-Shiong, P., et al.			
25	5849839	12/15/1998	Hubbell, J., et al.			
26	5858746	01/12/1999	Hubbell, J., et al.			
27	5879709	03/09/1999	Soon-Shiong, P., et al.			

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  <small>(USE SEVERAL SHEETS IF NECESSARY)</small>		ATTY. DOCKET NO. NOVCEL.017A	APPLICATION NO. 10/684,859	
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**O I P E J C**

JAN 20 2004		U.S. PATENT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
28	5986043	11/16/1999	Hubbell, J., et al.		
29	6007833	12/28/1999	Chudzik, S., et al.		
30	6060582	05/09/2000	Hubbell, J., et al.		
31	6077698	06/20/2000	Swan, D., et al.		
32	6156345	12/05/2000	Chudzik, S., et al.		
33	6231892	11/13/1997	Hubbell, J., et al.		
34	6258870	07/10/2001	Hubbell, J., et al.		
35	6306922	10/23/2001	Hubbell, J., et al.		
36	6410044	06/25/2002	Chudzik, S., et al.		
37	6495161	12/17/2002	Soon-Shiong, P., et al.		
38	6565842	05/20/2003	Sojomihardjo, S., et al.		
39	6602975	08/05/2003	Hubbell, J., et al.		
40	6603040	08/05/2003	Swan, D., et al.		
41	2002058318	05/16/2002	Hubbell, J., et al.		
42	2002091229	07/11/2002	Hubbell, J., et al.		
43	20030031697	02/13/2003	Chudzik, S., et al.		
44	20030087985	05/08/2003	Hubbell, J., et al.		

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
				YES	NO		
45	AT154242T T	06/15/1997	Austria				
46	AT197125T T	11/15/2000	Austria				
47	AU3124793 A	06/07/1993	Australia				
48	AU3735393 A	10/05/1993	Australia				
49	AU3780993 A	09/13/1993	Australia				
50	AU673160 B2	10/31/1996	Australia				
51	AU683209 B2	11/06/1997	Australia				

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## FOREIGN PATENT DOCUMENTS

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							YES	NO
52	AU683312 B2	11/06/1997	Australia					
53	AU7967994 A	05/01/1995	Australia					
54	AU8755791 A	05/20/1992	Australia					
55	BR9306038 A	01/13/1998	Brazil					
56	BR9306041 A	11/18/1997	Brazil					
57	CA2117584 A1	09/02/1993	Canada					
58	CA2117584 C	09/22/1998	Canada					
59	CA2117588 A1	09/16/1993	Canada					
60	CA2117588 C	08/25/1998	Canada					
61	CA2121129 A1	05/13/1993	Canada					
62	CA2173317 A1	04/13/1995	Canada					
63	DE69126535D D1	07/17/1997	Germany					
64	DE69126535T T2	09/25/1997	Germany					
65	DE69329594D D1	11/30/2000	Germany					
66	DE69329594T T2	05/31/2001	Germany					
67	DE69425577D D1	09/21/2000	Germany					
68	DE69425577T T2	04/26/2001	Germany					
69	DK627911T T3	11/20/2000	Denmark					
70	DK722470T T3	12/18/2000	Denmark					
71	EP0553195 A1	08/04/1993	Europe					
72	EP0553195 A4	09/29/1993	Europe					
73	EP0553195 B1	06/11/1997	Europe					
74	EP0610441 A1	08/17/1994	Europe					
75	EP0610441 A4	01/10/1996	Europe					
76	EP0627911 A1	12/14/1994	Europe					
77	EP0627911 A4	07/26/1995	Europe					
78	EP0627911 B1	10/25/2000	Europe					

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*O I P E S T*  
*JAN 20 2004*

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
79	EP0627912 A1	12/14/1994	Europe				
80	EP0627912 A4	07/26/1995	Europe				
81	EP0722470 A1	07/24/1996	Europe				
82	EP0722470 B1	08/16/2000	Europe				
83	ES2104727T T3	10/16/1997	Spain				
84	ES2152334T T3	02/01/2001	Spain				
85	ES2153378T T3	03/01/2001	Spain				
86	GR3034767T T3	02/28/2001	Greece				
87	GR3035172T T3	04/30/2001	Greece				
88	JP11502552T T	03/02/1999	Japan				
89	JP2002514235T T	05/14/2002	Japan				
90	JP3011767B2 B2	02/21/2000	Japan				
91	JP3011768B2 B2	02/21/2000	Japan				
92	JP7503943T T	04/27/1995	Japan				
93	JP7506961T T	08/03/1995	Japan				
94	JP7507056T T	08/03/1995	Japan				
95	JP9506012T T	06/17/1997	Japan				
96	KR266912 B1	12/01/2000	Korea				
97	NZ249770 A	09/25/1996	New Zealand				
98	NZ251039 A	03/26/1996	New Zealand				
99	PT627911T T	04/30/2001	Portugal				
100	PT722470T T	11/30/2000	Portugal				
101	WO9206678 A1	04/30/1992	PCT				
102	WO9309176 A2	05/13/1993	PCT				
103	WO9309176 A3	07/22/1993	PCT				
104	WO9316687 A1	09/02/1993	PCT				
105	WO9317669 A1	09/16/1993	PCT				

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106	WO9509883 A1	04/13/1995	PCT				
107	WO9629370 A2	09/26/1996	PCT				
108	WO9629370 A3	11/07/1996	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
109	Gu, Y., et al., 2001, Development of a New Method to Induce Angiogenesis at Subcutaneous Site of Streptozotocin-Induced Diabetic Rats for Islet Transplantation, <i>Cell Transplantation</i> , 10, 453-457.	
110	Kawakami, Y. et al., 2000, Modified Subcutaneous Tissue with Neovascularization is Useful as the Site for Pancreatic Islet Transplantation, <i>Cell Transplantation</i> , 9, 729-732.	
111	Kawakami, Y., et al., 2001, Successful Subcutaneous Pancreatic Islet Transplantation Using an Angiogenic Growth Factor-Releasing Device, <i>Pancreas</i> , 23(4), 375-381	
112	Wang, W., et al., 2003, Subcutaneous Transplantation of Macroencapsulated Porcine Pancreatic Endocrine Cells Normalizes Hyperglycemia in Diabetic Mice, <i>Transplantation</i> , 76(2), 290-296.	

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